

95% SUBMISSION

REVISIONS

DATE

0 4 8 12 16 20 24

1 SECOND FLOOR HYDRONIC PLAN BLDG. 33

SCALE: 1/4" = 1'-0"

CSHQA

C.W. MOORE PLAZA
260 S. 5TH ST.
BOISE, IDAHO 83721
(208) 343-4355 • FAX (208) 343-4356
http://www.cshqa.com

BOISE, IDAHO
260 S. 5TH ST.
BOISE, IDAHO 83721
PHONE: 208-343-4355 FAX: 208-343-4356

THIS SET OF DRAWINGS AND ANY SUPPLEMENTAL DRAWINGS, SPECIFICATIONS, AND NOTICES TO CONTRACTORS SHALL BE THE PROPERTY OF CSHQA. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN CONSENT OF CSHQA. (C) 2010 CSHQA, ALL RIGHTS RESERVED.

STAMP

PRELIMINARY
NOT FOR
CONSTRUCTION

ISSUING TITLE

SECOND FLOOR
HYDRONIC PLAN

PROJECT TITLE

VAMC
RENOVATE
BUILDING 33

APPROVED: DIVISION CHIEF

APPROVED: SERVICE DIRECTOR

BUILDING NUMBER

33

CHECKED

RME

DRAWN

DJH

DATE

03/04/11

PROJECT NO.

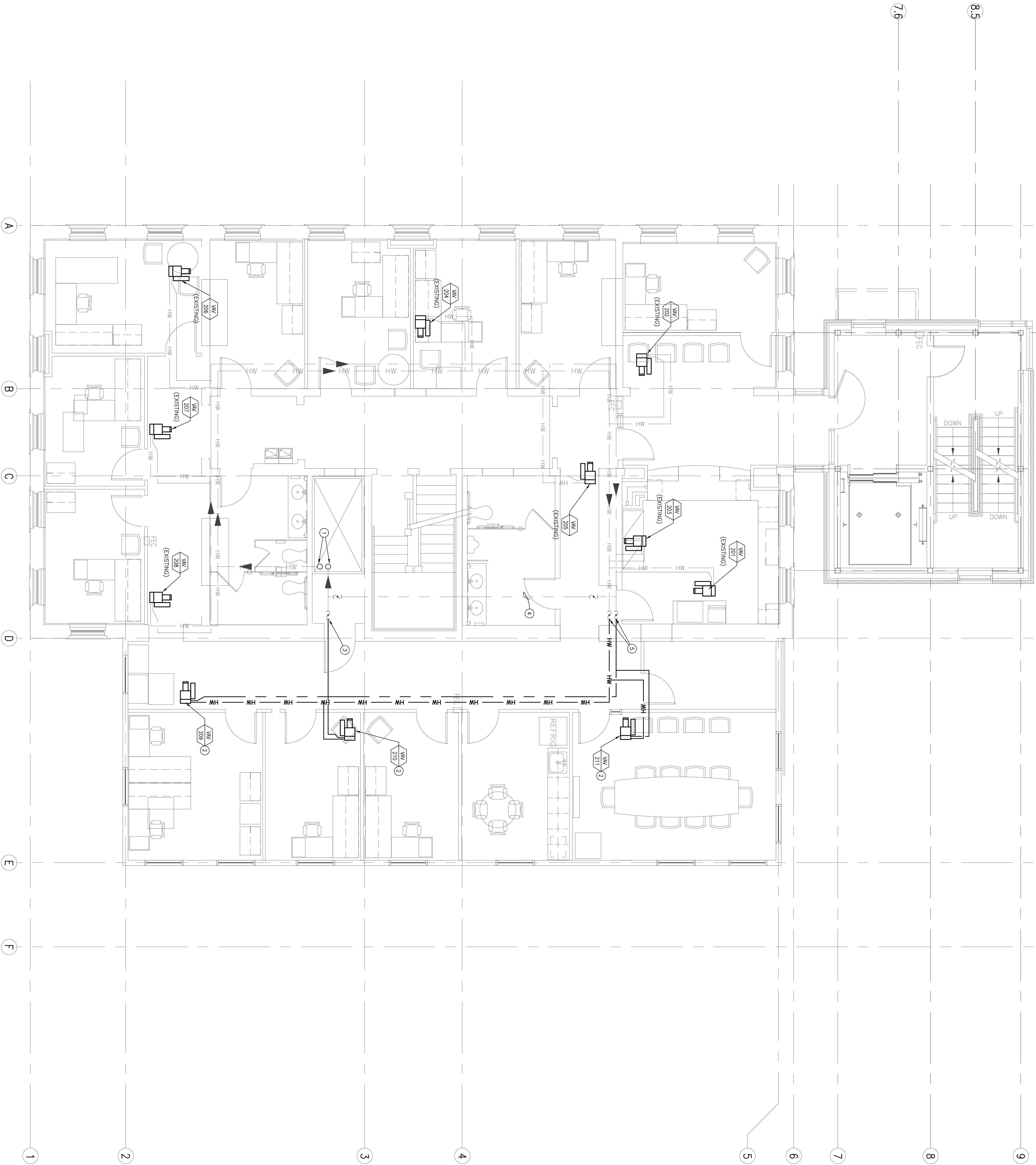
531-10-114

DWG NO.

M2.7

DWG 02 OF 102

DEPARTMENT OF VETERANS AFFAIRS



⊕ SHEET NOTES:

- EXISTING HW AND HWK PIPING IN CHASE TO REMAIN.
- PROVIDE BRANDED HOSE KIT COMPLETE WITH AUTOMATIC FLOW CONTROL VALVE, CONDUIT, AND SWIVEL TAPING. ALL REQUIRED PARTS AND REMEDIATIONS FOR HYDRONIC PIPING SHALL BE PROVIDED BY THE CONTRACTOR. COMPLETE ACCESS TO CONTROL PANEL IS AVAILABLE. RE: M3.3 FOR PIPE SIZE.
- CONNECT NEW 32mm (1 1/4") HWK LINE TO EXISTING 32mm (1 1/4") ISOLATION VALVE.
- CLOSE ISOLATION VALVES AND REMOVE TEMPORARY RETURN LINE IF REQUIRED.
- EXTEND EXISTING 32mm (1 1/4") AS SHOWN.

GENERAL NOTES:

- ROUTE DUCTWORK IN COORDINATION WITH OTHER TRADES. HOLD DUCTWORK AS HIGH AS POSSIBLE AND ROUTE DUCTWORK WITH IN STRUCTURE WHERE POSSIBLE.
- UNLESS OTHER USE NOTED SUPPLY DUCT UPSTREAM OF AFCV IS THE SAME SIZE AS THE DOWN STREAM DUCTWORK. FOR CLARITY NOT ALL SIZES HAVE BEEN SHOWN.
- MONITOR TEMPERATURE SENSOR AT 48" AFF COORDINATE LOCATION OF TEMPERATURE SENSORS IN LAB SPACES WITH PLUMBING CONTRACTOR.
- DUCT SIZES INDICATED FOR CONNECTION TO EQUIPMENT MAY DIFFER FROM EXACT SIZES LISTED TO UNIT CONNECTION.
- TEMPERATURE SENSORS SHALL BE INSTALLED AT 48" AFF UNLESS NOTED OTHERWISE.
- COORDINATE JUNCTION BOX INSULATION WITH ELECTRICAL CONTRACTOR.
- FIRE DAMPERS SHALL BE 1-1/2 HOUR RATED UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY TRANSITIONS TO AVOID CONTACT WITH OTHER DUCTWORK, PIPING, STRUCTURE, ETC. AS PART OF THIS CONTRACT. ALL NECESSARY TRANSITIONS, HIGH POINT VENTS AND LOW POINT DRAINS AND ELBOWS WITH TURNING VANES.
- ALL CEILING DIFFUSERS SHALL BE PROVIDED WITH 4-WAY THROW PATTERN UNLESS OTHERWISE NOTED.
- TRANSITION AS NECESSARY FROM DUCT SIZES INDICATED ON PLAN TO EQUIPMENT DUCT CONNECTION.
- PIPING PENETRATIONS THROUGH RATED ASSEMBLIES SHALL BE FIRESTOPPED IN ACCORDANCE NFPA-90A.
- DUCTWORK AND PIPING SHALL BE FOR GENERAL ROUTING PURPOSES ONLY. CONTRACTOR SHALL CORRECT EXACT ROUTING WITH OTHER TRADES AND PROVIDE ALL NECESSARY TRANSITIONS, HIGH POINT VENTS AND LOW POINT DRAINS AND OFFSETS NECESSARY TO INSTALL A COMPLETE AND FUNCTIONING SYSTEM.
- THE CEILING SPACE FROM THE BOTTOM OF THE CEILING GRID TO A MINIMUM OF 6" ABOVE THE BOTTOM OF THE CEILING GRID IS RESERVED FOR INSTALLATION OF DUCTWORK, PIPING, ETC. EXCEPT PIPES SERVING THE CEILING MOUNTED ITEMS, IS ALLOWED TO BE INSTALLED IN THIS SPACE. UNLESS OTHERWISE APPROVED BY THE RESIDENT ENGINEER.
- CONTRACTOR IS REQUIRED TO FOLLOW ALL OSHA REGULATIONS CONCERNING CONSTRUCTION. THE SUPERINTENDENT IS REQUIRED TO HAVE COMPLETED, AS A MINIMUM, THE FOLLOWING: OSHA 10 HOUR TRAINING, FALL PROTECTION, PERSONAL PROTECTIVE EQUIPMENT, TRENCHING, SCAFFOLDING, CRANES, ELECTRICAL, ETC. CONTRACTOR SHALL PROVIDE ALL NECESSARY SAFETY EQUIPMENT AND TRAINING REQUIRED BY OSHA.
- IF ACCESSING A CONFINED SPACE THE CONTRACTOR IS REQUIRED HAVE THEIR OWN CONFINED SPACE AIR MONITOR AND TO TEST THE AIR PRIOR TO ENTERING ANY CONFINED SPACE AIR MONITOR AND TO TEST THE AIR PRIOR TO ENTERING ANY CONFINED SPACE AIR MONITOR AND TO TEST THE AIR PRIOR TO ENTERING ANY CONFINED SPACE AIR MONITOR. THEY MUST HAVE PROPER OSHA RESCUE EQUIPMENT FOR A PERMIT REQUIRED CONFINED SPACE. WHERE IT IS NOT POSSIBLE FOR THEM TO SHUTDOWN AN ELECTRICAL SAFETY SWITCH OR EQUIPMENT OR REMOVE IT FROM THE CONFINED SPACE, THEY MUST HAVE PROPER OSHA RESCUE EQUIPMENT FOR A PERMIT REQUIRED CONFINED SPACE. MONITORING THE CONTRACTOR'S COMPLIANCE WITH OSHA REGULATIONS. FAILURE TO COMPLY IS PROHIBITED FOR STOPPING WORK.